

F2 --A method for making an antibody to an epitope of an apolipoprotein or lipoprotein which reacts with the apolipoprotein or lipoprotein independently of lipid content and conformation of the apolipoprotein or lipoprotein has been developed. The antibody is produced by immunizing an animal with the apolipoprotein or lipoprotein which has been delipidated, reduced, carboxymethylated, solubilized, and purified to remove self-aggregated and degraded material from the delipidated, reduced, carboxymethylated, and solubilized apolipoprotein or lipoprotein. The antibodies are useful in diagnostic assays for lipoprotein or apolipoprotein.--

In the Title

Please replace the title with --METHOD FOR MAKING ANTIBODIES

F3 IMMUNOREACTIVE WITH AN EPIOTOPE OF AN APOLIPOPROTEIN--

In the Claims

SDB
G2
FA 48. (three times amended) A method for making [an antibody] antibodies to an epitope of an apolipoprotein or lipoprotein which reacts with the apolipoprotein or lipoprotein independently of lipid content and conformation of the apolipoprotein or lipoprotein, comprising immunizing an animal with [the] apolipoprotein or lipoprotein which [has been] is delipidated, reduced, carboxymethylated, and solubilized with a reducing or denaturing agent, [and purified to remove] wherein all self-aggregated and degraded material has been removed from the delipidated, reduced, carboxymethylated, and solubilized apolipoprotein or lipoprotein.

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FB 49. (amended) The method of claim [43] 48 further comprising isolating the spleen from the immunized animals, producing hybridomas from the spleen, and